



Cooperating with the University of Arkansas – Division of Agriculture
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Reporting for the week ending July 20, 2008.

General

Triple digit temperatures were achieved for the first time this year as five weather stations reported at or above 100 degrees Fahrenheit, though most of the weather stations reported temperatures below normal last week. High temperatures ranged from 91 to 101 degrees Fahrenheit. Low temperatures ranged from 56 degrees Fahrenheit in Fayetteville to 66 degrees Fahrenheit in Blytheville. There were 6.8 days suitable for field work as only two weather stations reported any precipitation. Topsoil moisture supplies were 11 percent very short, 39 percent short, 46 percent adequate, and 4 percent surplus by the end of last week. Subsoil moisture supplies were 11 percent very short, 35 percent short, 50 percent adequate, and 4 percent surplus.

Crop

The corn crop was 98 percent in the silk stage and beyond, an increase of 6 percent the previous week. The corn in the dough stage, at 48 percent, was 36 percent behind last year and 20 percent behind the 5-year average. The corn dent stage increased 12 percent to reach 14 percent by the end of the week. Cotton setting bolls was above the 5-year average for the first time this year as 79 percent of the crop was in this stage. Rice crop has been slow to develop as only 4 percent of the crop was headed by the end of the week compared to 19 percent in 2007 and 15 percent for the 5-year average. Rice producers continued to apply mid-season nitrogen. Sorghum headed, at 61 percent, was about two weeks behind 2007 and the 5-year average. Sorghum coloring was 12 percent last week but was 17 percent behind last year and 15 percent behind the 5-year average. At the close of the week, farmers reported soybean planting as complete and just 2 percent of the crop was left to emerge. Blooming, at 41 percent, was 20 percent behind 2007 and 21 percent behind the 5-year average. At 20 percent, setting pods was more than a week behind last year and the 5-year average. The condition of the row crops was mostly fair to good. Irrigation continued on row crops with emphasis on corn and soybeans. Producers applied pesticides to rice, soybeans, and sorghum; however, reports of pigweed resistance were common. Peaches and watermelons were harvested by farmers last week.

Livestock

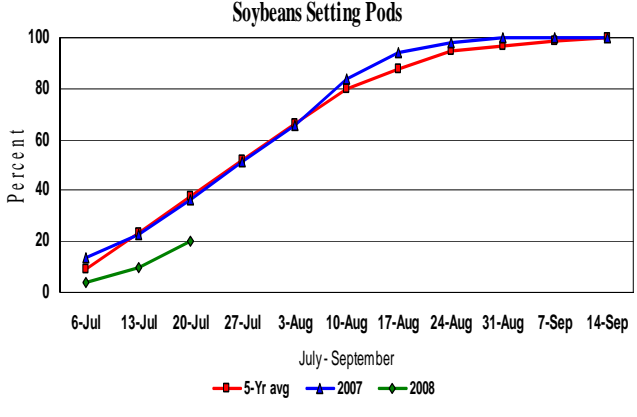
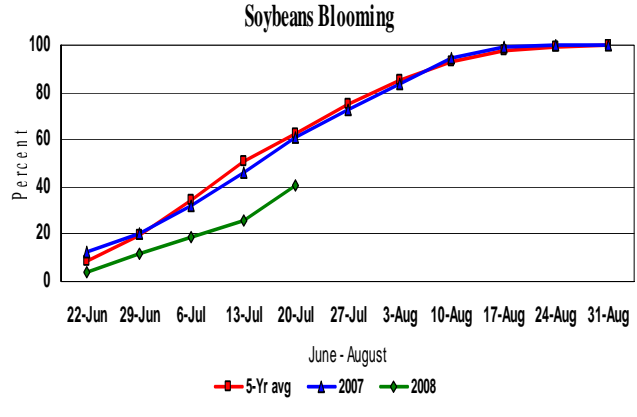
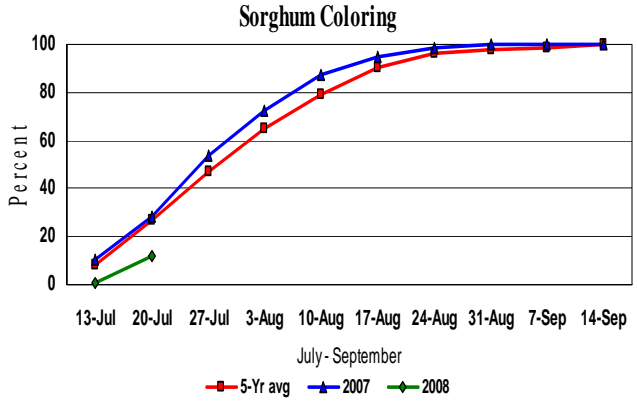
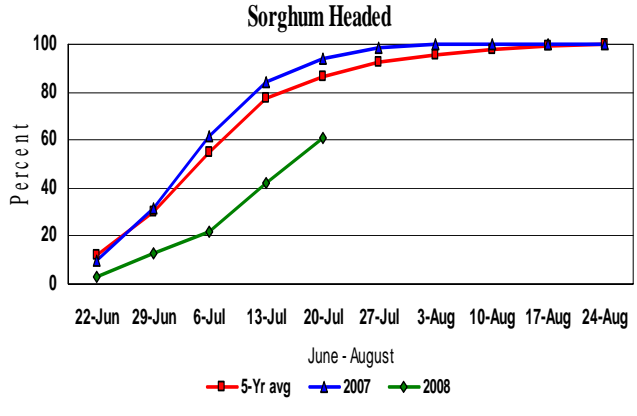
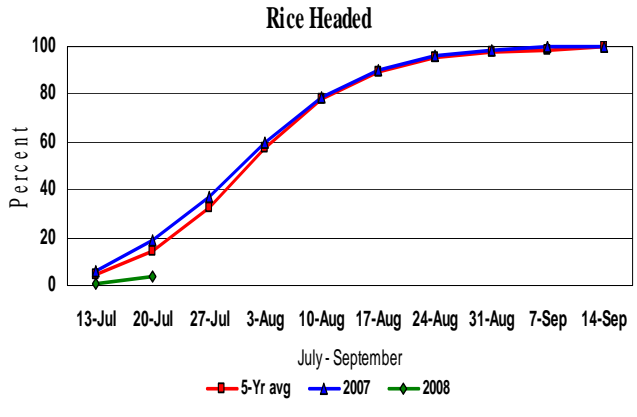
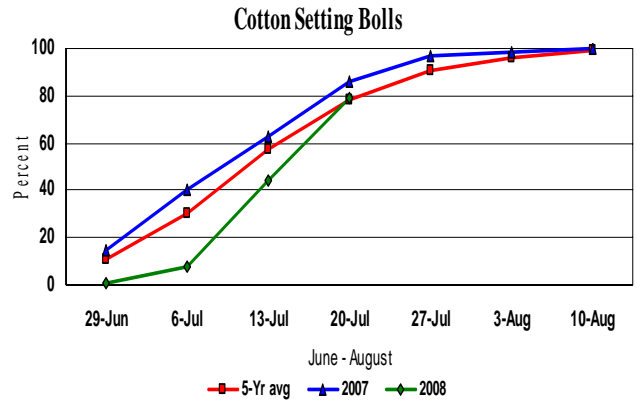
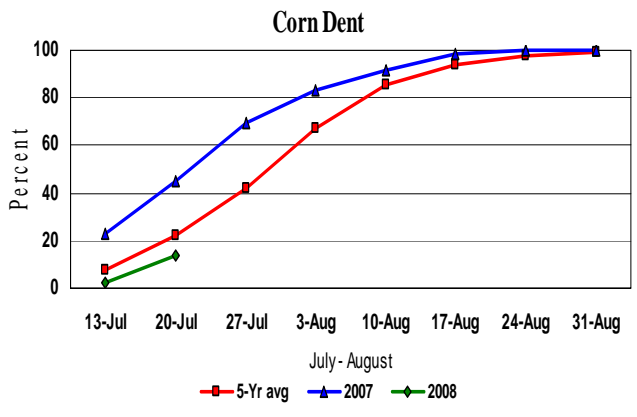
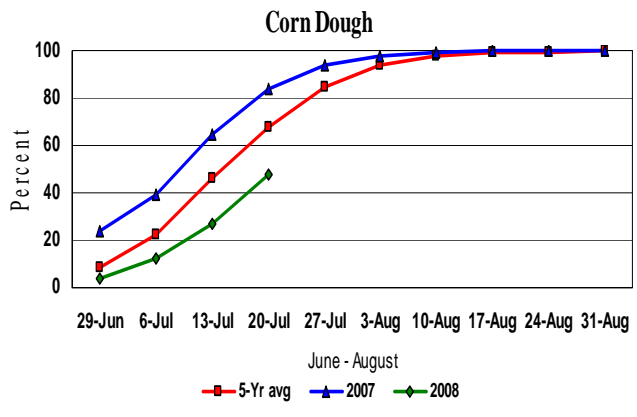
In spite of the heat, livestock remained in fair to good condition. Pasture and range and hay crops were reported in mostly fair to good condition. Hot weather has taken a toll on forage growth, while producers continued to harvest hay.

Percent of Progress

Crop	Stage	Current Week	Previous Week	2007	5-Year Avg
Corn	Silked	98	92	100	99
	Dough	48	27	84	68
	Dent	14	2	45	22
Cotton	Setting Bolls	79	44	86	78
Rice	Headed	4	1	19	15
Sorghum	Headed	61	42	94	87
	Coloring	12	1	29	27
Soybeans	Planted	100	98	100	100
	Emerged	98	94	100	99
	Blooming	41	26	61	62
	Setting Pods	20	10	36	38

Condition in Percentages

Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	0	4	24	50	22
Cotton	0	6	34	46	14
Rice	1	4	28	51	16
Sorghum	1	6	41	39	13
Soybeans	3	10	35	38	14
Hay-Alfalfa	1	0	34	61	4
Hay-Other	0	3	32	59	6
Pasture and Range	0	5	22	64	9



Temperatures and Precipitation Week Ending July 20, 2008									
District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending July 20	4 wk Accum	4 wk Normal	Year to Date	
								2008	Normal
Northwest	Fayetteville	91	56	-4	0.00	5.02	3.48	37.59	25.79
	Harrison	91	58	-3	0.00	5.48	2.80	39.94	24.98
N. Central	Calico Rock	94	57	-3	0.00	6.86	2.97	45.83	25.67
	Gilbert	93	58	-4	0.00	6.08	2.73	50.77	25.18
	Greers Ferry	92	61	-3	0.00	7.22	3.27	39.49	28.41
	Mtn. Home	93	60	-2	0.00	3.64	2.83	44.10	25.32
Northeast	Batesville	97	59	-4	0.00	5.22	2.89	33.27	26.52
	Blytheville	97	66	-1	0.00	1.62	3.82	25.08	30.17
	Jonesboro	99	62	-1	0.00	2.39	2.57	29.13	26.55
	Keiser	98	65	0	0.00	1.73	3.38	27.84	29.55
	Newport	95	65	-2	0.00	3.60	3.17	33.57	27.63
W. Central	Booneville	97	62	-4	0.00	1.56	3.48	40.39	27.33
	Clarksville	96	61	-2	0.00	5.52	2.98	42.47	26.29
	Dardanelle	96	60	-3	0.00	2.30	3.25	43.21	27.60
	Ft. Smith	99	64	-1	0.00	1.60	3.20	36.76	24.76
	Mena	98	59	-2	0.00	1.32	4.88	40.82	32.95
	Ozark	95	61	-2	0.00	4.59	3.32	39.58	25.22
Central	Conway	96	62	-3	0.00	5.56	3.13	39.69	27.61
	Hot Springs	101	63	0	0.00	0.80	4.07	39.02	32.83
	Little Rock	100	65	-1	0.00	1.75	3.18	32.78	28.77
	Morrilton	95	59	-3	0.00	3.71	3.01	36.76	27.48
	N. Little Rock	100	65	-1	0.11	2.17	2.86	29.99	27.77
E. Central	Brinkley	98	64	0	0.00	1.14	3.09	26.81	29.82
	Marianna	97	63	0	0.00	1.75	3.73	32.40	31.57
	Stuttgart	99	64	-1	0.00	2.51	3.21	28.81	29.23
	West Memphis	97	63	-1	0.00	0.25	3.34	28.56	31.36
Southwest	DeQueen	97	63	-1	0.00	2.20	4.00	28.68	31.21
	Hope	97	61	-1	0.00	2.81	3.76	34.54	30.50
	Texarkana	97	64	-1	0.00	2.80	3.86	30.13	26.73
S. Central	Camden	101	61	0	0.00	0.80	3.90	21.21	30.89
	El Dorado	98	61	-1	0.00	2.39	4.11	23.92	32.67
	Warren	99	63	0	0.00	0.64	3.85	26.26	32.67
Southeast	Eudora	100	65	-1	0.00	1.37	3.40	32.86	35.14
	Monticello	98	63	0	0.00	7.19	3.92	29.78	33.05
	Pine Bluff	99	62	-2	0.01	1.34	3.59	22.02	30.08
	Rohwer	95	65	-2	0.00	3.21	3.60	26.42	31.26

* Departure from normal = $\frac{(\text{high} - \text{low})}{2}$ - 30 year average.

Produced by:
In cooperation with:

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Renee Fair, Meteorologist in Charge